



Attorney Docket No. 2115-001184USB

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INACTIVATION RESISTANT FACTOR VIII

the specification of which (check one)

☐ is attached hereto.

☒ was filed on November 26, 1997 as Application Serial No. 08/980,038 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

			Priority Claim	
(Number)	(Country)	(Day/Month/Year filed)	Yes	No
_____	_____	_____	_____	_____
(Number)	(Country)	(Day/Month/Year filed)	Yes	No
_____	_____	_____	_____	_____
(Number)	(Country)	(Day/Month/Year filed)	Yes	No
_____	_____	_____	_____	_____

DECLARATION AND POWER OF ATTORNEY

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States Provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATIONS

(application serial number)

(Month / Day / Year filed)

(application serial number)

(Month / Day / Year filed)

I hereby claim the benefit under Title 35, United States Code, section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status - patented, pending, abandoned
PCT/US97/06563	April 24, 1997	Published
60/016,117	April 24, 1996	Abandoned
60/017,785	May 15, 1996	Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint DeAnn F. Smith, Reg. No. 36,683, and each principal, attorney of counsel, associate and employee of Harness, Dickey & Pierce, P.L.C., who is a registered Patent Attorney, my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

Full name of sole or first inventor: Randal J. Kaufman

Inventor's signature: *Randal J. Kaufman*

Date: _____

Residence: 5591 Great HAWK CIRCLE
5065 Red Fox Run, Ann Arbor, Michigan 48105

Citizenship: United States Of America

Post Office Address: 5065 Red Fox Run, Ann Arbor, Michigan 48105

09819099-04101

DECLARATION AND POWER OF ATTORNEY

Full name of second joint inventor, if any: Steven W. Pipe

Second Inventor's signature: *Steven W. Pipe*

Date: 3/30/18

Residence: 8261 Lake Crest Drive, Ypsilanti, Michigan 48197-6754

Citizenship: ~~United States Of America~~ Canadian

Post Office Address: 8261 Lake Crest Drive, Ypsilanti, Michigan 48197-6754

Full name of third joint inventor, if any: Kagehiro Amano

Third Inventor's signature: *Kagehiro Amano*

Date: 4/2/18

Residence: 5-16-16-303 Hatanodai shinagawaku Tokyo 142-0064 K-A
~~1115 Maiden Lane Court, Apt. No. 105, Ann Arbor, Michigan 48105~~

Citizenship: ~~United States Of America~~ Japan K-A

Post Office Address: ~~1115 Maiden Lane Court, Apt. No. 105, Ann Arbor, Michigan 48105~~

5-16-16-303 Hatanodai shinagawaku Tokyo 142-0064 K-A

09919098-041101



Attorney Docket No. 2115-001184USB

DECLARATION AND POWER OF ATTORNEY

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INACTIVATION RESISTANT FACTOR VIII

the specification of which (check one)

☐ is attached hereto.

☒ was filed on November 26, 1997 as Application Serial No. 08/980,038 and was amended on _____ (if applicable).

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PRIOR FOREIGN APPLICATION(S)

			Priority Claim	
(Number)	(Country)	(Day/Month/Year filed)	Yes	No
_____	_____	_____	_____	_____
(Number)	(Country)	(Day/Month/Year filed)	Yes	No
_____	_____	_____	_____	_____
(Number)	(Country)	(Day/Month/Year filed)	Yes	No
_____	_____	_____	_____	_____

DECLARATION AND POWER OF ATTORNEY

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States Provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATIONS

(application serial number)

(Month / Day / Year filed)

(application serial number)

(Month / Day / Year filed)

I hereby claim the benefit under Title 35, United States Code, section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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60/017,785	May 15, 1996	Abandoned

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I hereby appoint DeAnn F. Smith, Reg. No. 36,683, and each principal, attorney of counsel, associate and employee of Harness, Dickey & Pierce, P.L.C., who is a registered Patent Attorney, my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

Full name of sole or first inventor: Randal J. Kaufman

Inventor's signature: *R. Kaufman*

Date: 5/12/97

Residence: 5065 Red Fox Run, Ann Arbor, Michigan 48105

Citizenship: United States Of America

Post Office Address: 5065 Red Fox Run, Ann Arbor, Michigan 48105

09819099-044701

DECLARATION AND POWER OF ATTORNEY

Full name of second joint inventor, if any: Steven W. Pipe

Second Inventor's signature: _____

Date: _____

Residence: 8261 Lake Crest Drive, Ypsilanti, Michigan 48197-6754

Citizenship: United States Of America

Post Office Address: 8261 Lake Crest Drive, Ypsilanti, Michigan 48197-6754

Full name of third joint inventor, if any: Kagehiro Amano

Third Inventor's signature: _____

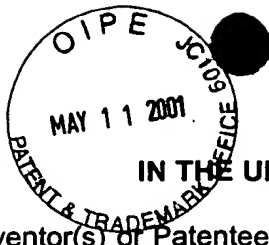
Date: _____

Residence: 1115 Maiden Lane Court, Apt. No. 105, Ann Arbor, Michigan 48105

Citizenship: United States Of America

Post Office Address: 1115 Maiden Lane Court, Apt. No. 105, Ann Arbor, Michigan 48105

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T0110"3506T850



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) or Patentee: Randal J. Kaufman et al.
Serial or Patent No.: 08/980,038
Filed or Issued: November 26, 1997
For: Inactivation Resistant Factor VIII

Attorney Docket No.: 2115-001184USB

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: The Regents Of The University Of Michigan
ADDRESS OF ORGANIZATION: Technology Management Office
Wolverine Tower, Room 2071
3003 S. State St.
Ann Arbor, Michigan 48109-1280

TYPE OF ORGANIZATION:

- ☒ University or other institution of higher education
☐ Tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c)(3))
☐ Nonprofit scientific or educational under statute of state of The United States of America

(Name of state: _____)

(Citation of statute: _____)

- ☐ Would qualify as tax exempt under Internal Revenue Service Code (26 USC 501(a) and 501(c)(3)) if located in The United States of America
☐ Would qualify as nonprofit scientific or educational under statute of state of The United States of America if located in The United States of America

(Name of state: _____)

(Citation of statute: _____)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled

INACTIVATION RESISTANT FACTOR VIII

by inventor(s) Randal J. Kaufman, Steven W. Pipe and Kagehiro Amano, described in

- ☐ the specification filed herewith
☒ application serial no. 08/980,038 filed November 26, 1997
☐ patentno. _____ issued _____

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified invention.

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) AND 1.27(d)) - NONPROFIT ORGANIZATION**

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME: _____

ADDRESS: _____

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

NAME: _____

ADDRESS: _____

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing: Marvin G. Parnes

Title in Organization: Assistant Vice President For Research and Interim Director,
Technology Management Office

Address of Person Signing: Wolverine Tower, Room 2071
3003 S. State Street
Ann Arbor, Michigan 48109-1280

Signature: Marvin G. Parnes Date: 5-18-98



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 2115S-001184USB

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case.
The following information is provided:

(1) Name Of Party Conveying The Interest:

Randal J. Kaufman
Steven W. Pipe
Kagehiro Amano

(2) Name And Address Of Party Receiving The Interest:

The Regents Of The University Of Michigan
Technology Management Office
Wolverine Tower, Room 2071
3003 S. State Street
Ann Arbor, Michigan 48109-1280

(3) Description Of The Transaction To Be Recorded:

☒ Assignment ☐ License
☐ Change of Name ☐ Other _____

(4) Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:

☒ Serial Number 08/980,038, filed November 26, 1997.
☐ Application being filed concurrently herewith.
☐ Patent Number _____, issued _____.

(5) Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:

DeAnn F. Smith
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303

(6) **Number Of Applications and/ r Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: . 1

Total Recordal Fee Enclosed: . . . \$40.00

(7) **Date(s) The Document Was Executed:** March 23, 1998 and April 24, 1998

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) has/have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

By: DeAnn F. Smith

DeAnn F. Smith
Reg. No. 36,683
Attorney for Applicant(s)

Date: May 26, 1998

ASSIGNMENT BY JOINT INVENTORS

WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented certain new and useful improvements in **INACTIVATION RESISTANT FACTOR VIII** for which Assignors have made United States application for patent under Serial No. 08/980,038, filed November 26, 1997, and

WHEREAS, The Regents Of The University Of Michigan, having a place of business at Technology Management Office, Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, Michigan 48109-1280 hereinafter referred to as Assignee(s), is (are) desirous of acquiring an interest therein:

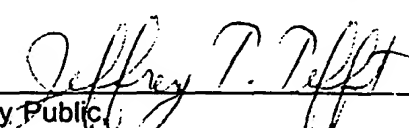
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee(s), its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee(s) to the full end of the term for which said Letters Patent are granted and any extensions thereof, as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee(s) without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee(s).



Randal J. Kaufman
(First Joint Inventor)

State of Michigan)
County of Washtenaw) ss.

On this 23 day of March, 19 98, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.



Notary Public

(seal)

Washtenaw County, State of Michigan

My Commission Expires: 6/18/99

ASSIGNMENT BY JOINT INVENTORS

Steven W. Pipe
Steven W. Pipe
(Second Joint Inventor)

State of Michigan)
County of Westland) ss.

On this 23 day of March, 19 95, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

William D. Dyer
Notary Public,

(seal)

Westland County, State of Michigan

My Commission Expires: 5/15/99

Kagehiro Amano
Kagehiro Amano
(Third Joint Inventor, if any)

State of _____)
County of _____) ss.

On this _____ day of _____, 19____, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

Notary Public,

(seal)

_____ County, State of _____

My Commission Expires: _____

This document must be executed by each inventor and each signature must be separately notarized.



Attorney Docket No. 2115-001184USB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit:)	
)	
Examiner:)	
)	
Inventor(s):)	ESTABLISHMENT OF ASSIGNEE'S RIGHT TO PROSECUTE APPLICATION UNDER 37 C.F.R. § 3.73(b), AND POWER OF ATTORNEY
Serial No.)	
08/980,038)	
Filed:)	
November 26, 1997)	
For:)	
Inactivation Resistant)	
Factor VIII)	
_____)

Hon. Commissioner Of Patents & Trademarks
Washington, D. C. 20231

Sir:

Under 37 C.F.R. § 3.73(b), the undersigned hereby establishes the below-named
Assignee's ownership in the above-identified Application:

Assignee: The Regents Of The University Of Michigan
Technology Management Office
Wolverine Tower, Room 2071
3003 S. State St.
Ann Arbor, Michigan 48109-1280

The documentary evidence of a chain of title from the original owner to the Assignee
is provided in the Assignment Document(s):

XX filed herewith.
_____ previously filed,
Reel No. _____, Frame No. _____.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Assignee furthermore hereby appoints DeAnn F. Smith, Reg. No. 36,683, and each other principal, attorney of counsel, associate and employee of Harness, Dickey & Pierce, P.L.C., who is a registered Patent Attorney, as attorney of record, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (telephone 248-641-1600).

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

Marvin G. Parnes

Name: Marvin G. Parnes

Title: Assistant Vice President For
Research and Interim Director
Technology Management Office

Date: 5-18-98

Assignee: The Regents Of The University
Of Michigan